

### Miami Dade County 4th Quarter 2014 Residential Single Stream Program





This represents enough saved timber resources to produce more than 1.35 Billion sheets of newspaper!



recycled: 1,747 tons of Cardboard/paper;

4,333 tons of Newspaper; 1,519 tons of mixed paper; 203 tons of tin Cans; 1,184 tons of plastics;

In the 4th Quarter 2014, Miami Dade County

93 tons of aluminum;

and 1,450 tons of glass.

We also managed 5,069 tons of residue at

Waste-to-energy (WTE) facilities.

# 41.3 million Kw-Hrs of Electricity from Recycling This is enough power to

This is enough power to fulfill the monthly electricity needs of more than 41,385 homes!



Recycling these materials avoided their manufacturing from virgin materials thereby conserving these natural resources. Use of WTE also generated electricity as noted.



#### 18,584 Barrels of Oil

This provides enough energy to heat and cool more than 46,386 homes for one month!

### Avoided 14,542 Metric Tons (MTCO2E) of GHG Emissions

The recycling of these materials prevented these GHG emissions!

# 13.3 Million Kw-Hrs of Electricity from Waste-to-Energy

This is enough power to fulfill the monthly electricity needs of more than 13,367 homes!



## 53.1 Million Gallons of Water

This represents enough fresh water to meet the daily fresh water needs of more than 709,240 people!

1 The environmental benefits shown here represent the difference in natural resource consumption and GHG emissions that result from using recycled inputs versus virgin inputs. MTCO2E = metric tons of carbon dioxide equivalent. Sources: U.S. Environmental Protection Agency, International Aluminum Institute, National Association for PET Container Resources, Institute of Scrap Recycling Industries, Earth Works Group Recycler's Handbook, One Earth Recycle, Bring Recycling.org, National Recycling Coalition, US Forest Products Laboratory, Wheelabrator Technologies, and Waste Management. Inc.

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